

## Product Datasheet

### Ripk3 Antibody (orb1239442)

<b>Catalog Number</b>	orb1239442
<b>Category</b>	Antibodies
<b>Description</b>	Ripk3 Antibody
<b>Target</b>	Ripk3
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1 mg/ml
<b>Buffer/Preservatives</b>	hRIP3 Antibody is supplied in PBS containing 0.02% sodium azide.
<b>Purification</b>	hRIP3 Antibody is Protein A purified.
<b>Immunogen</b>	Anti-hRIP3 antibody (orb1239442) was raised against a peptide corresponding to 18 amino acids near the carboxy terminus of human hRIP3. The immunogen is located within the last 50 amino acids of hRIP3.
<b>UniProt ID</b>	<b>Q9Y572</b>
<b>MW</b>	Predicted: 57kD Observed: 57 kD
<b>Tested applications</b>	ELISA, IF, IHC-P, WB

#### Biorbyt Ltd.

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

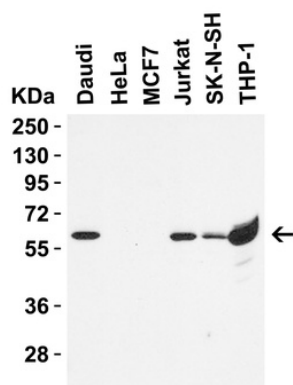
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Research Triangle Park  
Durham  
NC 27713-2847  
United States

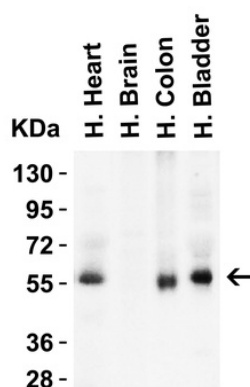
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<b>Specificity</b>	Several isoforms of hRIP3 are known to exist.
<b>Antibody Type</b>	Primary Antibody
<b>Modifications</b>	None
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>NCBI</b>	<a href="#">Q9Y572</a>
<b>Expiration Date</b>	12 months from date of receipt.



Western Blot Validation in Human Cell Lines. Loading: 15 µg of lysates per lane. Antibodies: hRIP3, orb1239442 (0.5 µg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



Western Blot Validation in Human Tissues. Loading: 15 µg of lysates per lane. Antibodies: hRIP3, orb1239442 (1 µg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.

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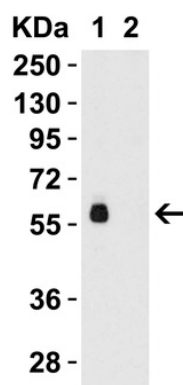
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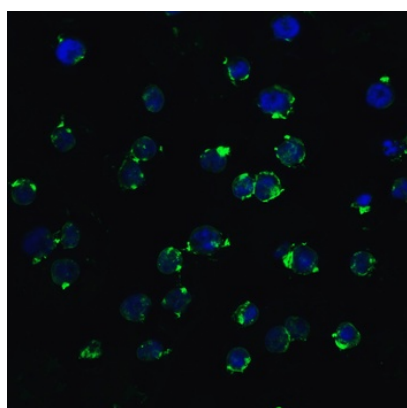
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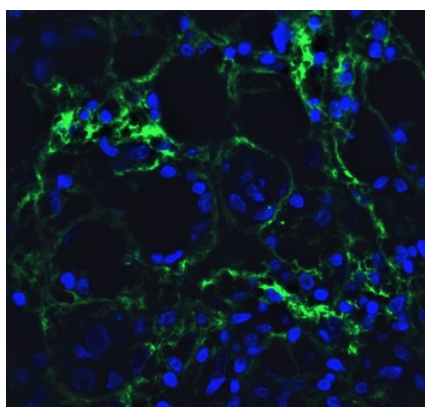
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Western Blot Validation of hRIP3 in Human THP-1 Cell Lysate. Loading: 15  $\mu$ g of lysates per lane. Antibodies: hRIP3, orb1239442 (1  $\mu$ g/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Lane 1-2: human THP-1 cell lysate in the absence (Lane 1) or the presence (Lane 2) of blocking peptide.



Immunofluorescence Validation of hRIP3 in Molt4 Cells. Immunofluorescent analysis of 4% paraformaldehyde-fixed Molt4 cells labeling hRIP3 with orb1239442 at 20  $\mu$ g/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



Immunofluorescence Validation of hRIP3 in Human Breast Tissue. Immunofluorescent analysis of 4% paraformaldehyde-fixed human breast tissue labeling hRIP3 with orb1239442 at 20  $\mu$ g/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).

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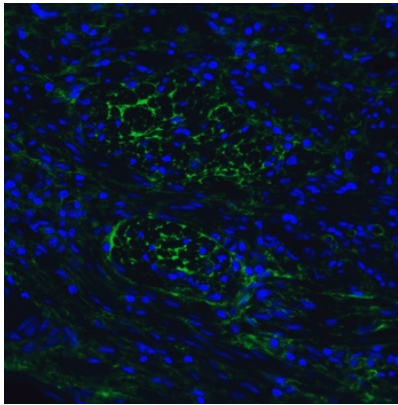
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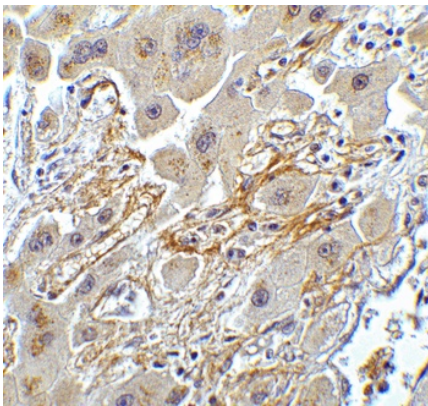
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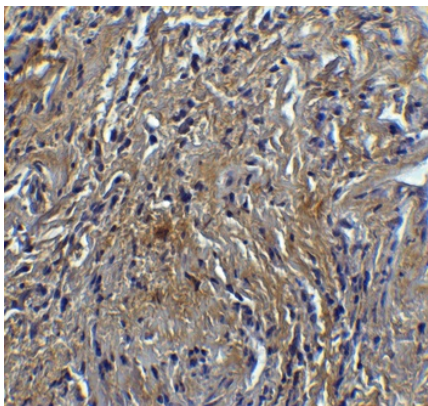
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Immunofluorescence Validation of hRIP3 in Human Colon Tissue. Immunofluorescent analysis of 4% paraformaldehyde-fixed human colon tissue labeling hRIP3 with orb1239442 at 20  $\mu\text{g}/\text{mL}$ , followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



Immunohistochemistry Validation of hRIP3 in Human Liver Tissue. Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-hRIP3 antibody (orb1239442) at 5  $\mu\text{g}/\text{ml}$ . Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Immunohistochemistry Validation of hRIP3 in Human Breast Tissue. Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-hRIP3 antibody (orb1239442) at 5  $\mu\text{g}/\text{ml}$ . Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.

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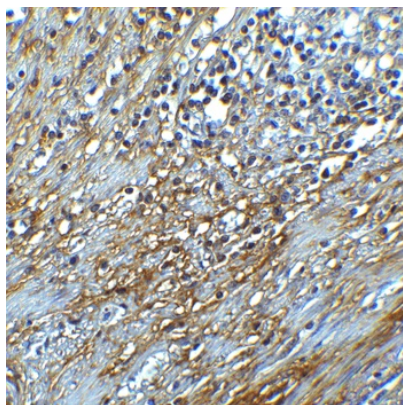
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